

6836-63

8/27/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

Joanna Holcombe  
Sr. Regulatory Services Associate  
Lonza, Inc.  
90 Boroline Road  
Allendale, NJ 07401

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

AUG 27 2014

SUBJECT: Applications for Pesticide Label Amendments  
Lonza Laundry Bacteriostat-Sanitizer EPA Reg. No. 6836-63 - Primary  
Bardac 20-10, EPA Reg. No. 6836-65 - Secondary  
Application Date: February 27, 2014  
EPA Receipt Date: February 28, 2014

Dear Ms. Holcombe:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

- To add claims for non-food contact sanitizer, laundry sanitizer and residual self-sanitizing.
- To update Storage and Disposal language
- To make minor label changes.

Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently.

If you have any questions concerning this letter please contact Drusilla Copeland at (703) 308-6224 or Velma Noble at (703) 308-6233.

Sincerely,

A handwritten signature in black ink, appearing to read "Velma Noble".

Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

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**Note to Reviewer:**

[Language in brackets [AAA ] is optional or interchangeable]

{Language in braces {AAA} is for informational purposes and will not appear on the final label}

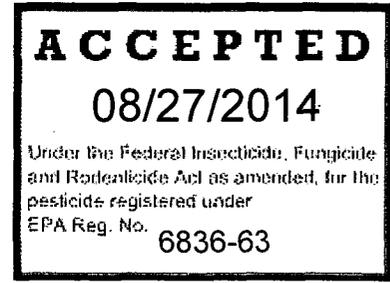
# LONZA LAUNDRY BACTERIOSTAT-SANITIZER

Twin-Chain Quaternary Ammonium Compound Concentrate

Residual Bacteriostat and Self-Sanitizing Agent  
Under Humid or Wet Contamination Conditions

**Active Ingredients:**

Octyl decyl dimethyl ammonium chloride .....	25.0%
Dioctyl dimethyl ammonium chloride .....	10.0%
Didecyl dimethyl ammonium chloride .....	15.0%
Other Ingredients.....	50.0%
Total: .....	100.0%



**KEEP OUT OF REACH OF CHILDREN**

**DANGER [PELIGRO]**

See [left] [right] [side] [back] panel for Precautionary Statements and First Aid

EPA Reg. No. 6836-63  
EPA Est. No. *(insert EPA Establishment Number here)*  
Net Contents *(insert container size here)*

[DOT Symbols]  
[Country of origin *(insert country)*]  
[Manufactured in *(insert country)*]  
[Barcode]

Manufactured By:  
LONZA INC.  
90 Boroline Road  
Allendale, NJ 07401

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER. Corrosive:** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), protective clothing and protective gloves (rubber or chemical resistant). May be fatal if swallowed or inhaled. Do not breathe vapor. Wear a MSHA/NIOSH-approved dust/mist filtering respirator number TC-21C or a NIOSH approved respirator with any N, R, P, or HE filter. Harmful if absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish.

*{If the container size is 5 gallons or greater, the following Environmental Hazards will be used:}*

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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{Note to reviewer: The following is considered optional marketing language. ATCC numbers are listed on the data matrix.}

**{MARKETING CLAIMS}**

**LONZA LAUNDRY BACTERIOSTAT-SANITIZER** is based on a highly active mixture of three Twin Chain quaternary ammonium compounds.

Soiled and contaminated fabrics such as diapers, hospital and institutional linen, and athletic apparel is of major housekeeping concern, not only in hospitals, but in institutions, hotels, restaurants and schools.

Used as directed, **Lonza Laundry Bacteriostat-Sanitizer** provides effective residual bacteriostatic and self-sanitizing properties for laundered items such as diapers, hospital and institutional linens, and athletic apparel.

**Lonza Laundry Bacteriostat-Sanitizer** is designed for commercial and institutional laundry use by addition to the final rinse step.

For recommended solution concentration, see "Directions for Use."

**Lonza Laundry Bacteriostat-Sanitizer** is economical to use because it is concentrated. It should be handled with care.

**{EFFICACY CLAIMS}**

**LONZA LAUNDRY BACTERIOSTAT-SANITIZER** is an effective laundry sanitizer when used as directed in waters up to 200 ppm hardness against:

- Corynebacterium ammoniagenes*
- Escherichia coli* O157:H7 [*E. coli* O157:H7]
- Klebsiella pneumoniae*
- Listeria monocytogenes*
- Salmonella enterica* [*Salmonella*]
- Staphylococcus aureus* [*Staph*]
- Staphylococcus aureus* – Community Associated Methicillin-Resistant [CA-MRSA]
- Staphylococcus aureus* – Hospital Associated Methicillin resistant [HA-MRSA]

**LONZA LAUNDRY BACTERIOSTAT-SANITIZER** provides residual self-sanitizing efficacy in the laundry rinse cycle when used as directed in waters up to 200 ppm hardness against:

- Klebsiella pneumoniae*
- Staphylococcus aureus*

For residual bacteriostatic or self-sanitizing activity, conditions of high relative humidity or wet contamination are required.

**LONZA LAUNDRY BACTERIOSTAT-SANITIZER** provides residual bacteriostatic efficacy in the laundry rinse cycle when used as directed against gram negative and/or gram positive odor causing bacteria.

**Dilution Chart**

Laundry Sanitizer .....	3 oz. per 100 pounds dry fabric	[781 ppm active quat]
Residual Bacteriostat .....	0.56 oz. per 100 pounds dry fabric	[175 ppm active quat]
Residual Self Sanitization.....	0.6 oz. per 100 pounds dry fabric	[195 ppm active quat]

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}  
 Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. [If you do not understand the label, find someone to explain it to you in detail.]*

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**LAUNDRY SANITIZER**

Add [mix] 3 oz. of **LONZA LAUNDRY BACTERIOSTAT-SANITIZER** in high efficiency applications per a maximum of 100 pounds of fabric [dry weight] to sanitize laundered fabrics in the rinse cycle. A minimum cycle time of 5 minutes is required.

**RESIDUAL BACTERIOSTATIC**

**Initial Treatment:** Use 0.56 oz. [3.5 teaspoons] of **LONZA LAUNDRY BACTERIOSTAT-SANITIZER** for a minimum 24 hours holding in commercial or industrial applications per a maximum of 100 pounds of fabric [dry weight]. Dilute the appropriate amount of **LONZA LAUNDRY BACTERIOSTAT-SANITIZER** in one to two gallons of water and then add this solution to the wash wheel at the beginning of the final rinse cycle. A minimum rinse cycle time of 10 minutes is required.

**Repeat treatment:** Follow Initial Treatment directions and re-treat fabric after each washing [or if odor persists].

**RESIDUAL SELF-SANITIZING**

Use 0.6 oz. of **LONZA LAUNDRY BACTERIOSTAT-SANITIZER** in commercial or industrial applications per a maximum of 100 pounds of fabric [dry weight]. Dilute the appropriate amount of **LONZA LAUNDRY BACTERIOSTAT-SANITIZER** in one to two gallons of water and then add this solution to the wash wheel at the beginning of the final rinse cycle. A minimum rinse cycle time of 8 minutes is required.

{Note to reviewer: For Nonrefillable Containers for commercial, industrial, and institutional uses – all sizes – No Reuse Rinsate Statement}

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:**

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

**[Plastic and Metal Containers:]** Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

**[For metal containers only:** DO NOT cut or weld metal containers.]

**[For Bag in Box Containers:]** Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.